

How to change: VW Polo 5 rear shock absorbers – replacement guide

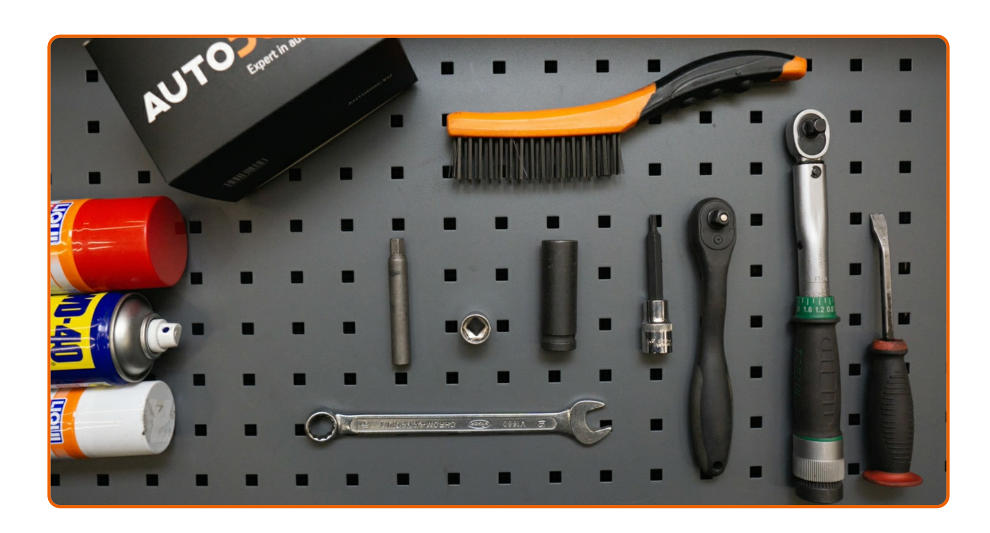
 VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
VW POLO Saloon (602, 604, 612, 614) 1.6

The steps may slightly vary depending on the car design.

REPLACEMENT: SHOCK ABSORBERS – VW POLO 5. TOOLS YOU NEED:



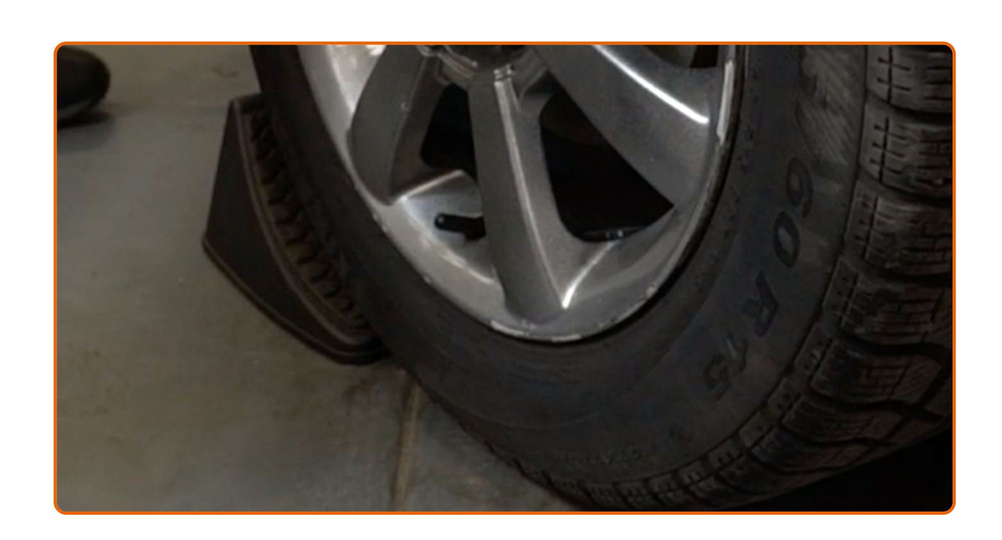
- Wire brush
- WD-40 spray
- Copper grease
- Combination spanner #16
- Drive socket # 16
- Torx bit T27
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Shock absorber socket #DD6
- Vice
- Crow bar
- Hydraulic transmission jack
- Wheel chock

Replacement: shock absorbers – VW Polo 5. AUTODOC experts recommend:

- Both shock absorbers of the rear suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right shock absorbers of the rear suspension.
- Warning! Shut down the engine before starting any work – VW Polo 5.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1



Secure the wheels with chocks.

2



Loosen the wheel mounting bolts. Use wheel impact socket #17.

3



Raise the rear of the car and secure on supports.

4

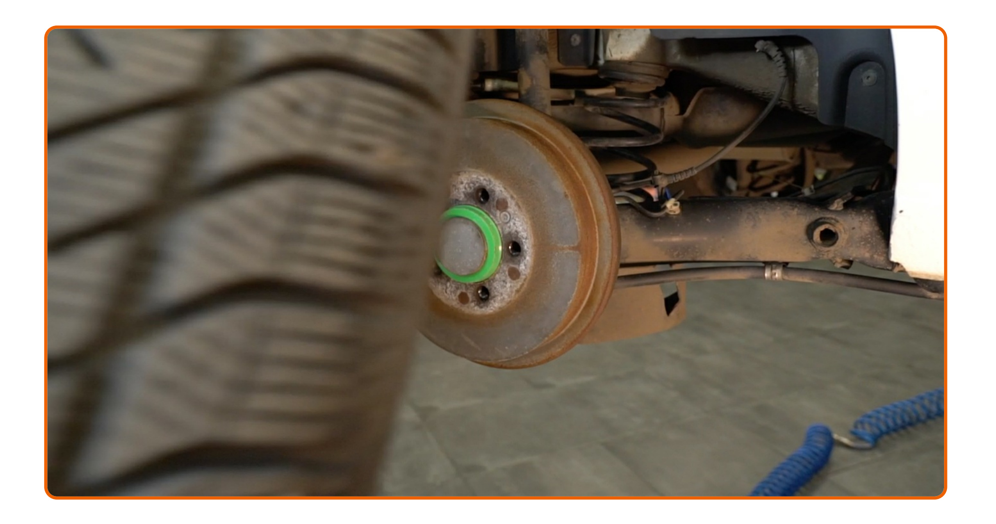


Unscrew the wheel bolts.

Replacement: shock absorbers – VW Polo 5. AUTODOC recommends:

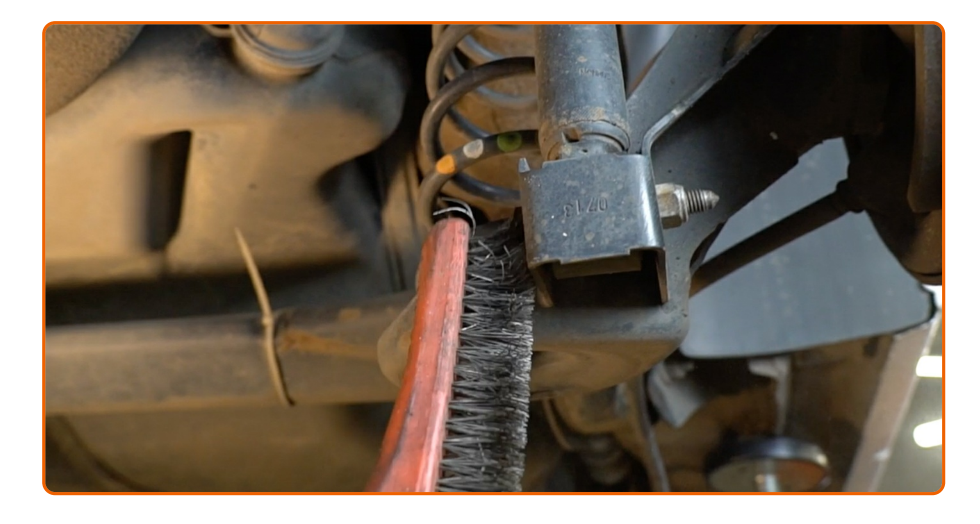
- To avoid injury, hold up the wheel when unscrewing the bolts.

5



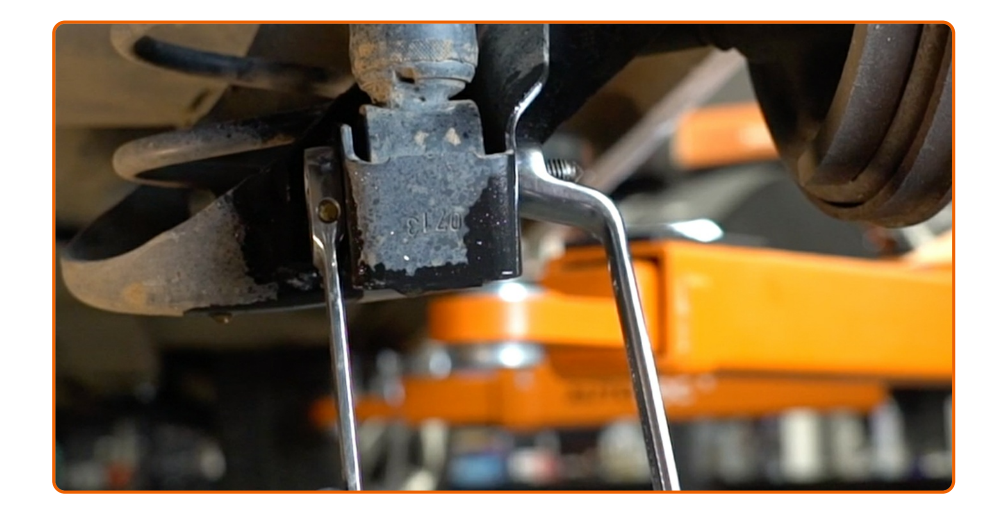
Remove the wheel.

6



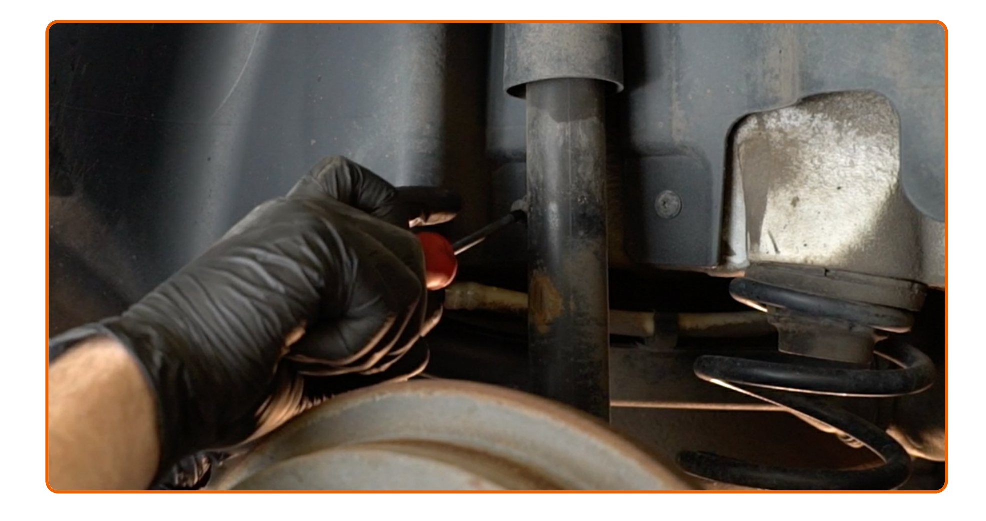
Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.

7



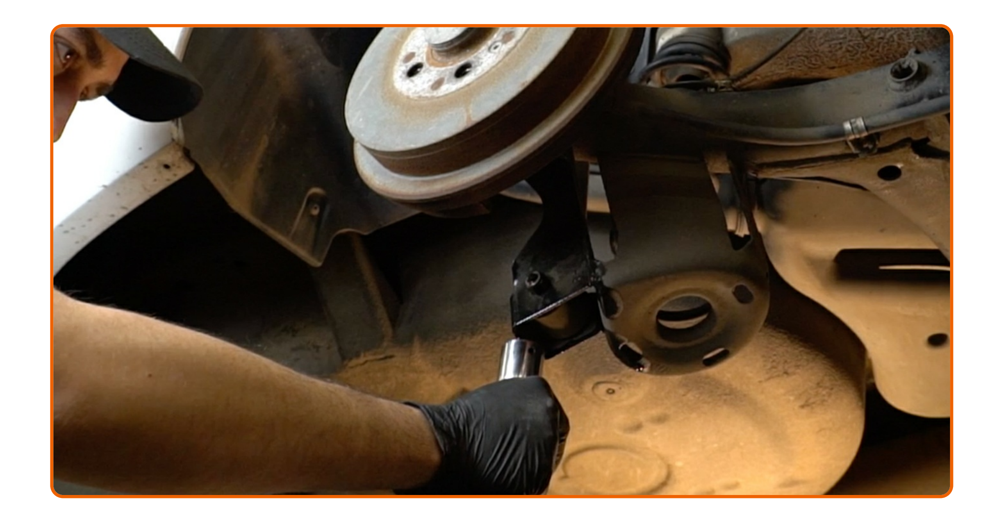
Unscrew the lower fastener of the shock absorber. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.

8



Unscrew the wheel arch cover fasteners. Use Torx T27.

9



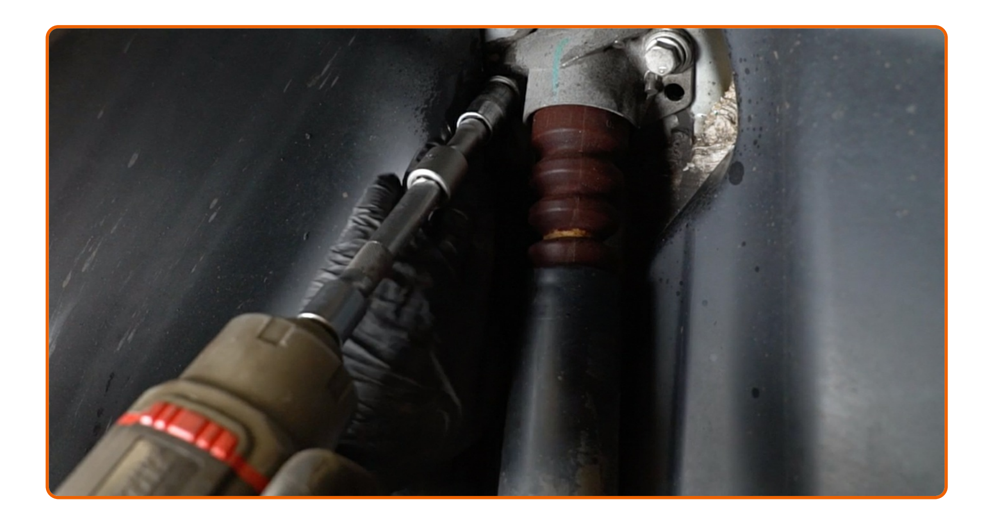
Support the rear suspension beam. Use a hydraulic transmission jack.

10



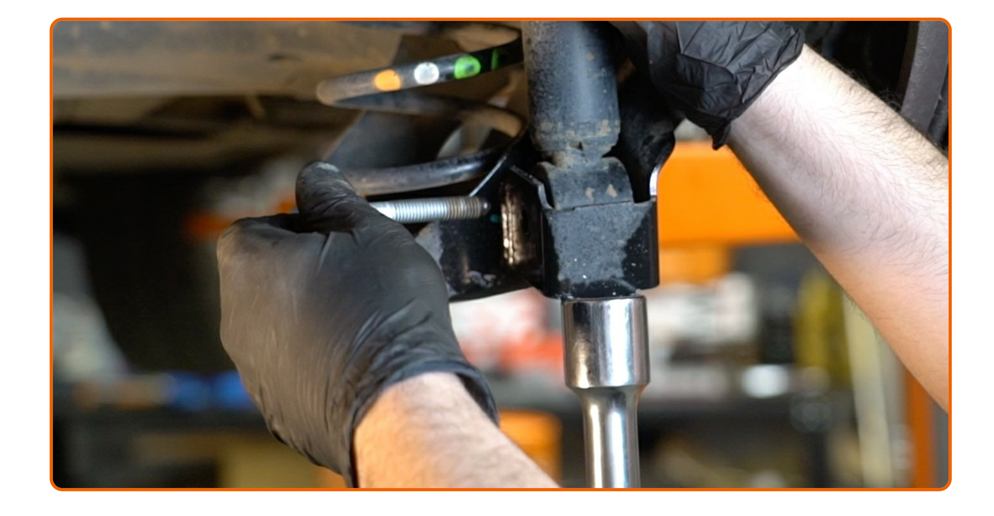
Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.

11



Unscrew the upper fastener of the shock absorber. Use a drive socket #16. Use a ratchet wrench.

12



Remove the fastening bolt. Use a drive socket #16. Use a ratchet wrench.

AUTODOC recommends:

- Important! Hold the shock absorber while unscrewing the fastening bolts. VW Polo 5

13



Lower the hydraulic transmission jack by 10-15 cm.



Replacement: shock absorbers – VW Polo 5. Tip:

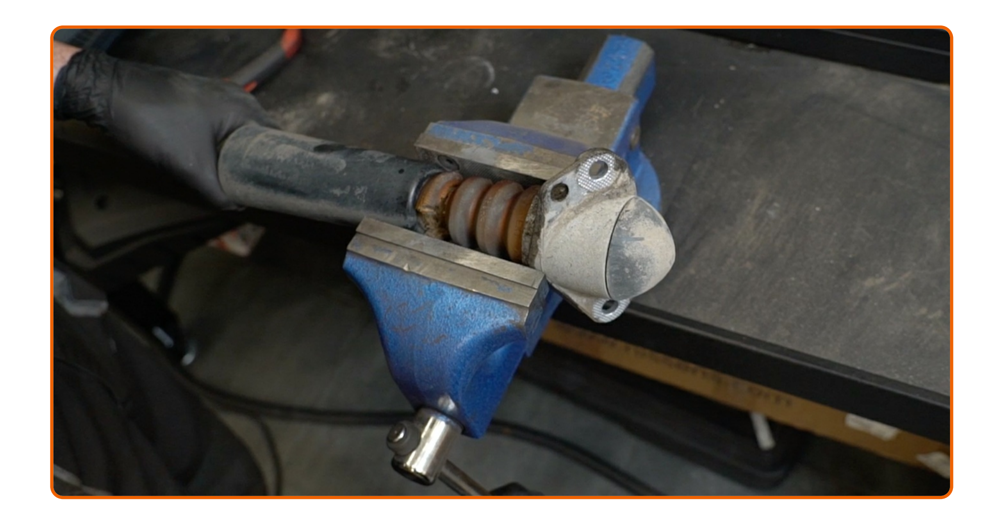
- Lower the hydraulic transmission jack smoothly, without jerks, to avoid damaging assemblies and mechanisms.

14



Remove the shock absorber.

15



Grip the shock absorber in a vice.

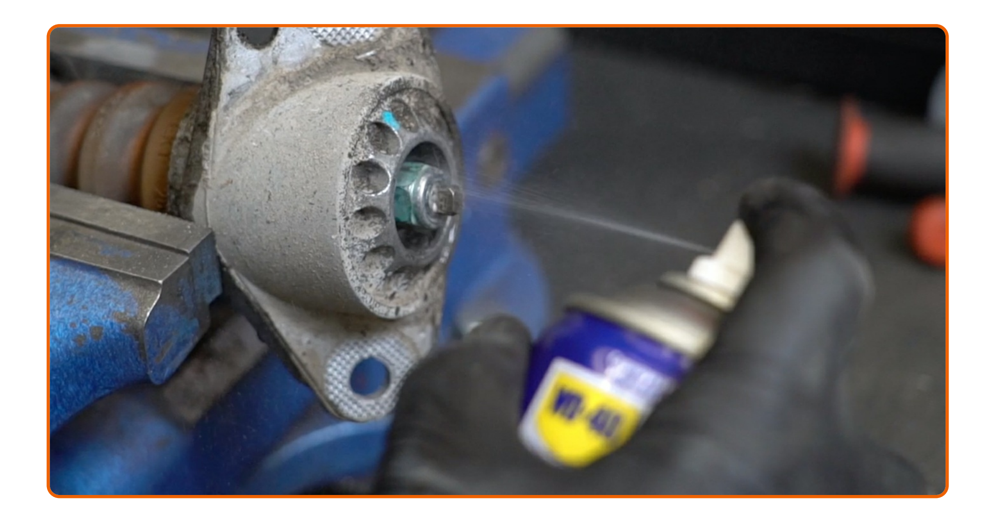


16



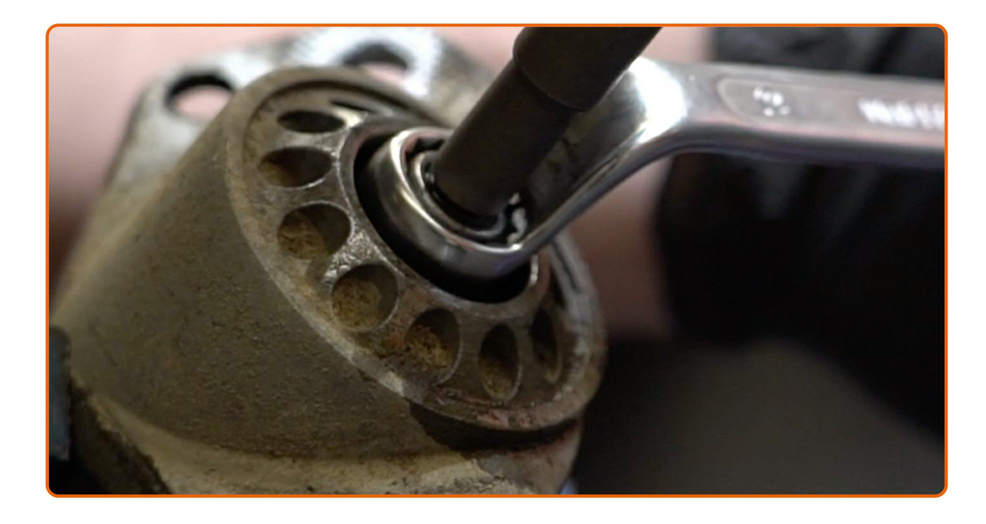
Remove the protective cap of the shock absorber mount. Use a crowbar.

17



Clean the shock absorber rod fastener. Use a wire brush. Use WD-40 spray.

18



Remove the shock absorber piston rod fastening. Use a shock absorber socket DDN°6. Use a drive socket #16. Use a ratchet wrench.

19



Remove the shock absorber mount, boot and bump stop.

AUTODOC recommends:

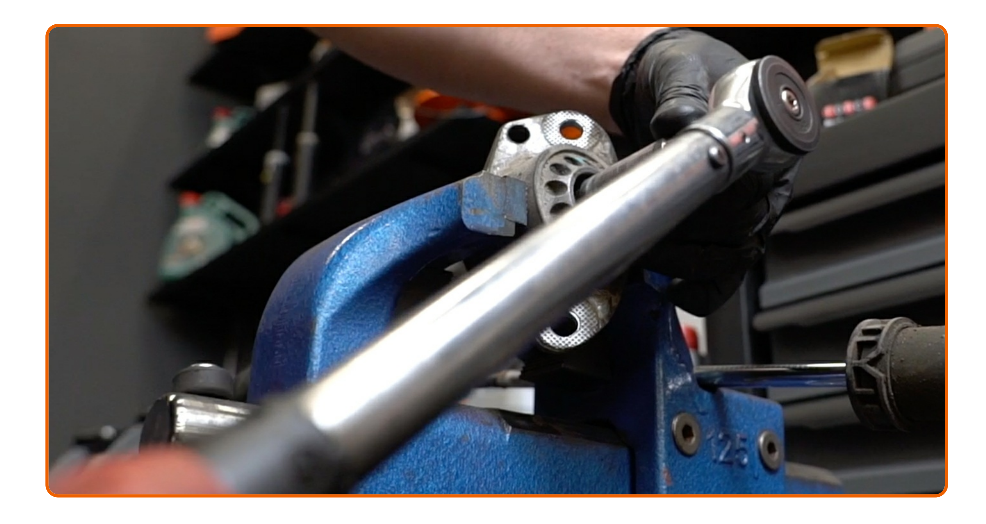
- Replacement: shock absorbers – VW Polo 5. Carefully inspect the mount, the boot, and the bump stop of the shock absorber. Replace if necessary.
- Before installing a new shock absorber you should pump it manually 3-5 times.

20



Install the mount, boot and bump stop onto a new shock absorber.

21



Screw the shock strut piston rod upper fastening. Use a shock absorber socket DDN°6. Use a drive socket #16. Use a torque wrench. Tighten it to 45 nm torque.

22



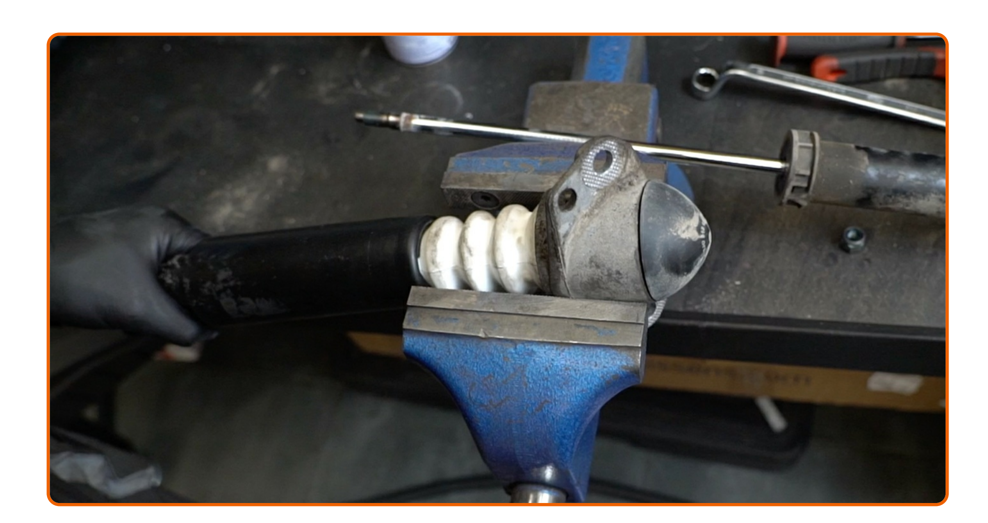
Treat the shock absorber rod fastener. Use copper grease.

23



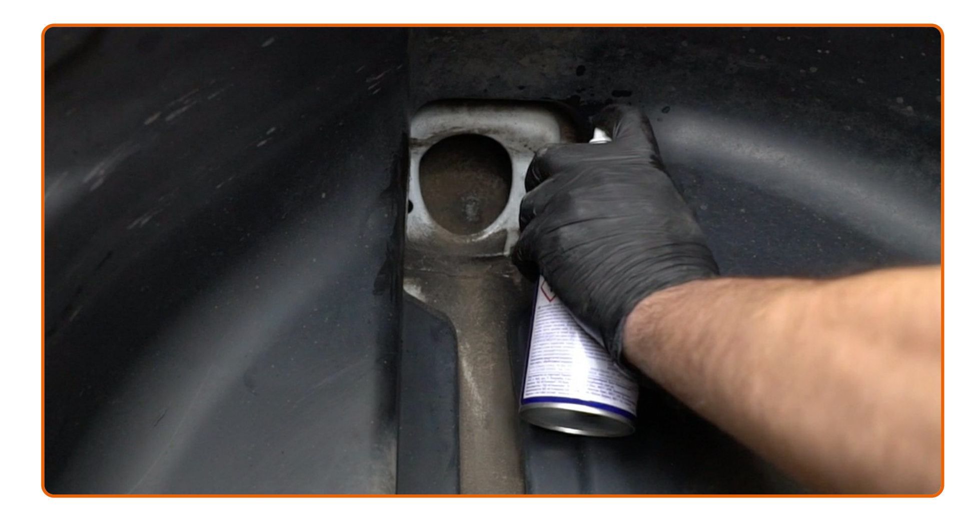
Install the protective cap of the shock absorber mount.

24



Release the vice and take out the shock absorber.

25



Clean the shock absorber mounting seats. Use a wire brush. Use WD-40 spray.

26



Place the shock absorber in the wheel arch and secure it.

Replacement: shock absorbers – VW Polo 5. Tip from AUTODOC:

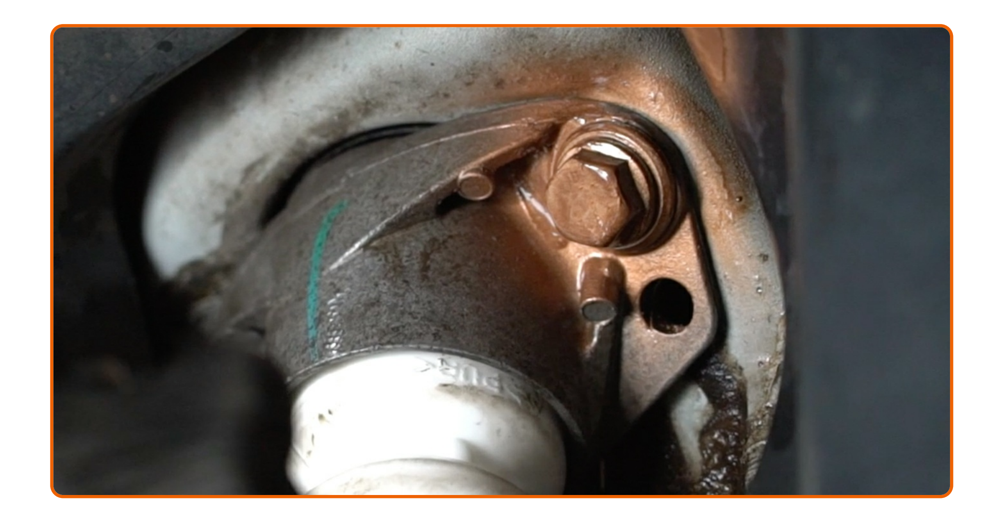
- To avoid injury, hold the shock absorber cautiously tight when screwing in the fastening bolts.

27



Tighten the top shock absorber fastening. Use a drive socket #16. Use a torque wrench. Tighten it to 50 Nm torque.

28



Treat the shock absorber fasteners. Use copper grease.

29



Screw in the fasteners. Use Torx T27.

30



Raise the hydraulic transmission jack by 10-15 cm. Use a hydraulic transmission jack.

31



Install the fastening bolt. Use a combination spanner #16. Use a drive socket #16. Use a ratchet wrench.

32



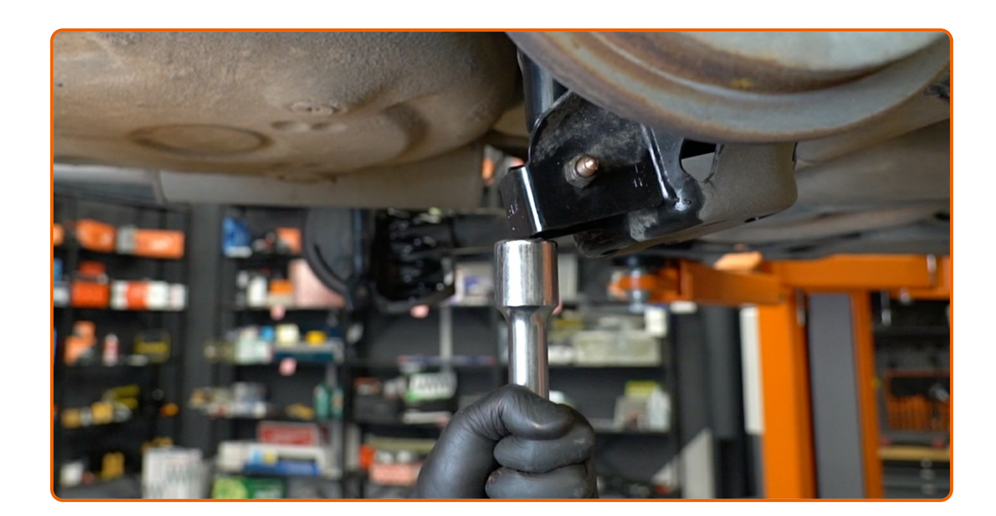
Raise the hydraulic transmission jack by 10-15 cm.

33



Tighten the lower fastener of the shock absorber. Use a drive socket #16. Use a torque wrench. Tighten it to 80 Nm torque.

34

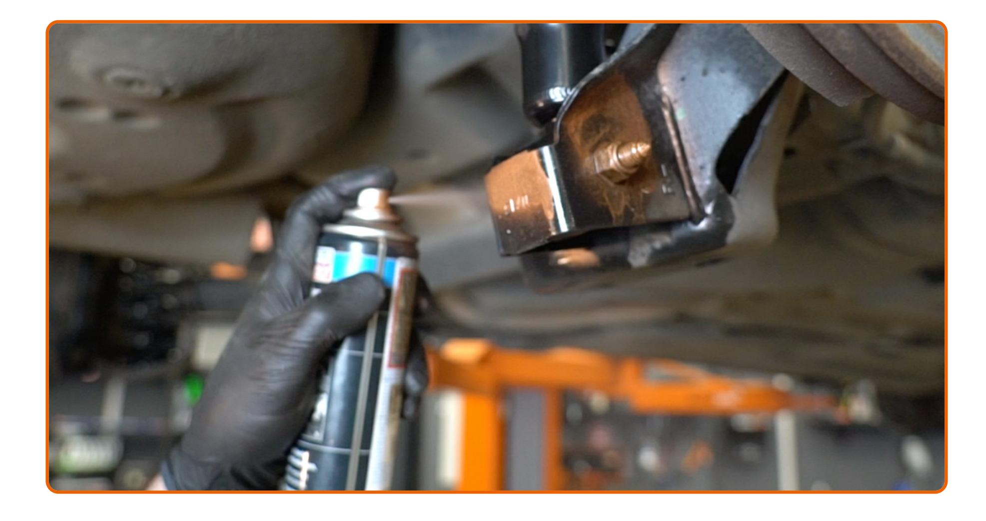


Remove the mounting from under the rear axle beam.

AUTODOC recommends:

- VW Polo 5 – Do not lower the transmission jack sharply to avoid damaging components and mechanisms of the car.

35



Treat the shock absorber fasteners. Use copper grease.

36



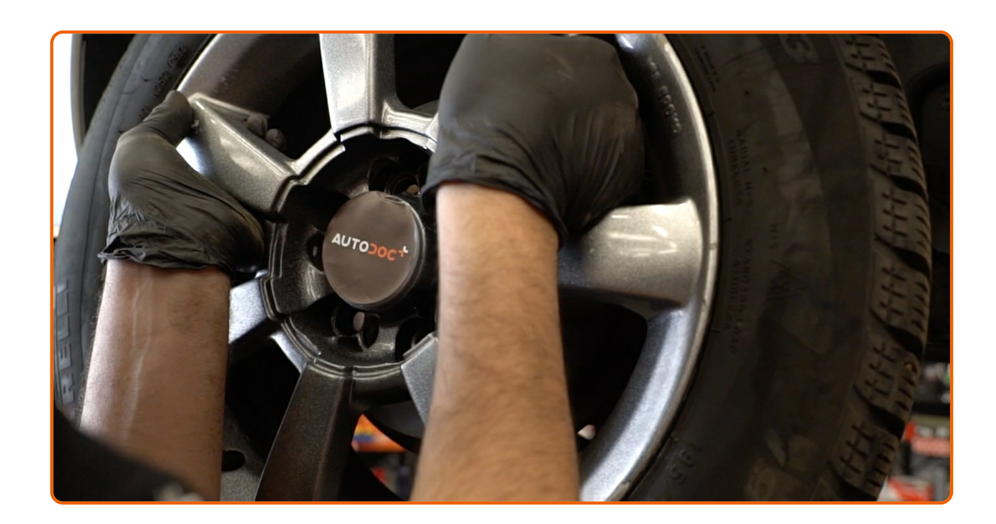
Clean the wheel rim mounting seat. Use a wire brush.

37



Treat the surface where the wheel rim contacts the brake drum. Use copper grease.

38



Install the wheel.

Replacement: shock absorbers – VW Polo 5. Tip from AUTODOC experts:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

39



Screw in the wheel bolts. Use wheel impact socket #17.

40



Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.

41



Remove the jacks and chocks.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

NO

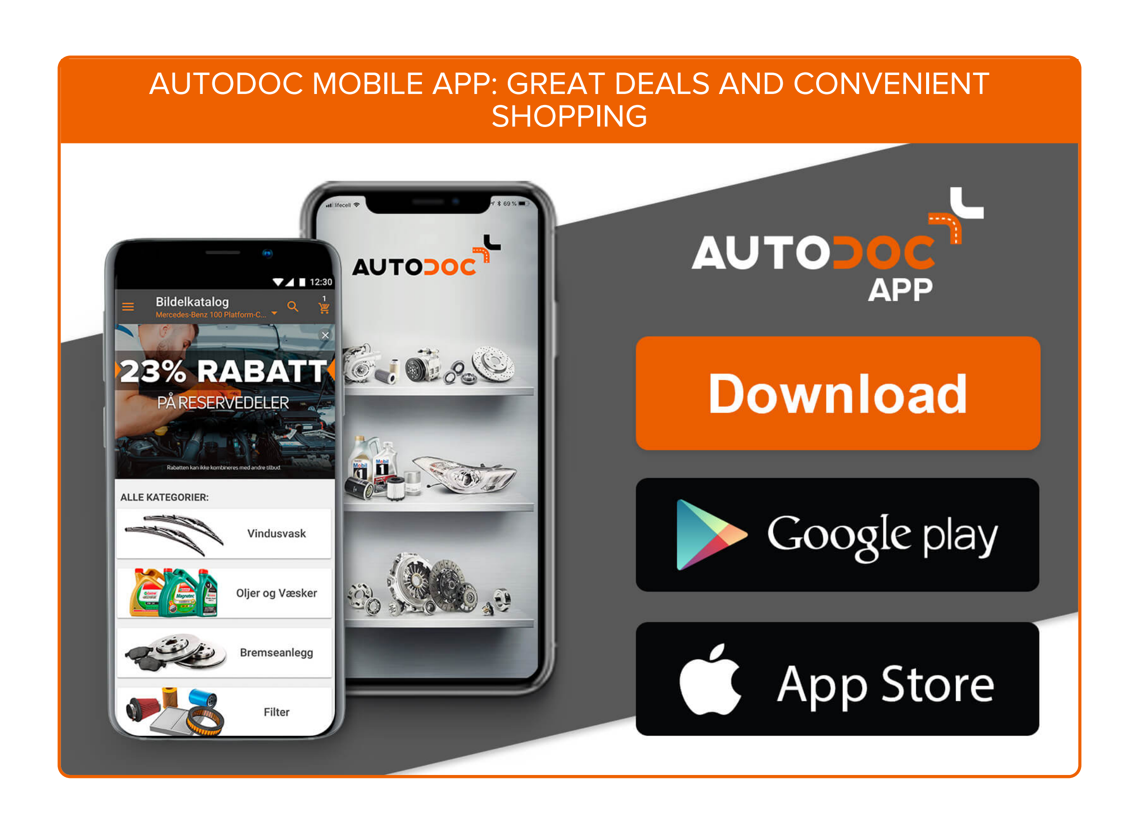


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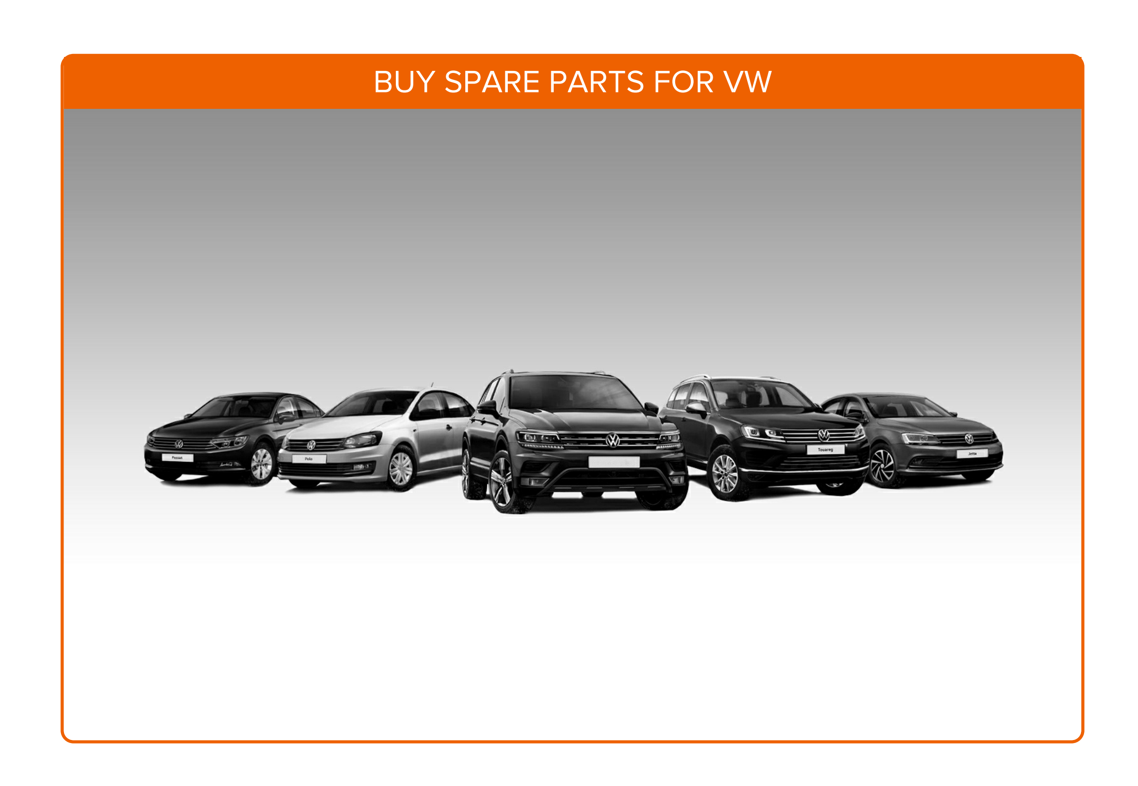
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